

Claim(s)

1. An oxygen concentrating apparatus which can be carried by a user, and separates atmospheric oxygen to supply it to the user at least during movement of the user, the oxygen concentrating apparatus characterized by comprising:

recording means for recording a supply condition of an oxygen-enriched gas supplied to the user; and

output means or display means for enabling the recorded supply condition of the oxygen-enriched gas to be confirmed in a medical institution where regular outpatient treatment is received.

2. The oxygen concentrating apparatus as recited in claim 1, characterized by comprising

prescription supply condition input means for inputting a supply condition prescribed for the user, and

arithmetic means for calculating a patient's compliance by comparing the recorded supply condition with the prescribed supply condition.

3. The oxygen concentrating apparatus as recited in claim 1 or 2, characterized in that the recording means is means for recording a supply condition of at least one of a supply flow rate set value of the oxygen-enriched gas, an actually measured value of a supply flow rate, and a history record of a supply time.

4. The oxygen concentrating apparatus as recited in any one of claims 1 to 3, comprising means for detecting whether a patient breathes,

wherein the recording means is means for recording a breath detection result.

5. The oxygen concentrating apparatus as recited in any one of claims 2 to 4, wherein the arithmetic means is means for calculating the patient's compliance of at least one of an average use time, an average use flow rate, an average exercise ratio, an average synchronous flow rate, an average continuous flow rate, a breath sensing ratio, an exercise time breath sensing ratio, and an apparatus nonuse day count.

6. The oxygen concentrating apparatus as recited in any one of claims 2 to 4, wherein the arithmetic means is means for calculating a change of the patient's compliance of at least one of a use time, a use flow rate, an exercise ratio, a synchronous flow rate, a continuous flow rate, a breath sensing ratio, and an exercise time breath sensing ratio in a specified period or a change thereof in a specified period unit.

7. An execution support method of a home oxygen therapy comprising:

recording a supply condition of an oxygen-enriched gas supplied to a home oxygen therapy patient by a carried oxygen concentrating apparatus; and

outputting or displaying the recorded supply condition

of the oxygen-enriched gas in a medical institution into which the oxygen concentrating apparatus is carried and in which regular outpatient treatment is received.

8. An execution support method of a home oxygen therapy comprising:

recording a supply condition of an oxygen-enriched gas supplied to a home oxygen therapy patient by a carried oxygen concentrating apparatus;

comparing the recorded supply condition with a supply condition previously prescribed for the patient to calculate a patient's compliance; and

outputting or displaying the calculated patient's compliance.

9. An execution support method of a home oxygen therapy comprising:

recording a supply condition of an oxygen-enriched gas supplied to a home oxygen therapy patient by an oxygen concentrating apparatus and a detection result as to whether the patient breathes at time of supply;

comparing the recorded supply condition with a supply condition previously prescribed for the patient to detect a patient's observance state of a prescription condition and to detect whether the apparatus is used; and

calculating a patient's compliance.

10. The execution support method of the home oxygen

therapy as recited in claim 9, wherein the patient's compliance is patient's compliance information of at least one of an average use time of the oxygen concentrating apparatus, an average use flow rate, an average exercise ratio, an average synchronous flow rate, an average continuous flow rate, a breath sensing ratio, an exercise time breath sensing ratio, and an apparatus nonuse day count.

11. The execution support method of the home oxygen therapy as recited in claim 9, wherein the patient's compliance is a change of the patient's compliance of at least one of a use time of the oxygen concentrating apparatus, a use flow rate, an exercise ratio, a synchronous flow rate, a continuous flow rate, a breath sensing ratio, and an exercise time breath sensing ratio in a specified period or a change thereof in a specified period unit.